Integrated System Control (ISYSCON)

PROJECT MANAGER WARFIGHTER INFORMATION NETWORK-TERRESTRIAL

MISSION

Provide an automated, theater-wide system that Signal units can use to manage multiple tactical communications systems in support of battlefield operations.

DESCRIPTION AND SPECIFICATIONS

The **Integrated System Control (ISYSCON)** facility represents the Signal Corps' major thrust to overcome network management problems identified during Operation Desert Storm and other recent deployments. The ISYSCON facility will: Provide an automated capability for managing the tactical communications network; Establish an interface with each technical control facility in the Army Tactical Command and Control System (ATCCS) architecture; and enable automation-assisted configuration and management of a dynamic battlefield. A change to the requirements document has added planning and management of satellite resources as a requirement. The battlefield spectrum management (BSM) software has been designated as a part of the migration system for DoD use. An ISYSCON node consists of an S-250E shelter on a heavy HMMWV, and two extension tents, two server and four client workstations, and peripherals. Signal S-3 staffs will use ISYSCON to manage Army and JTF tactical battlefield information systems for both deployed and split-based operations. The ISYSCON Program serves as a baseline foundation to support future network management initiatives tied

ISYSCON network planning menu screen

PROGRAM STATUS

The ISYSCON contract was awarded to GTE Government Systems in 4QFY92. The program was approved to enter low rate initial production (LRIP) in 3QFY95, and is headed towards a Milestone III Decision in February 1999. In September-October 1998, the Phase I (ECB) capability was tested during initial operational test and evaluation (IOTE).

PROJECTED ACTIVITIES

2QFY99 - Planned Milestone III full-rate production decision review; Production contract award.
2QFY00 - Scheduled Phase 2 follow-on operational test and evaluation.

PRIME CONTRACTOR(S)

GTE (Taunton, MA; Raleigh, NC)

POINTS OF CONTACT

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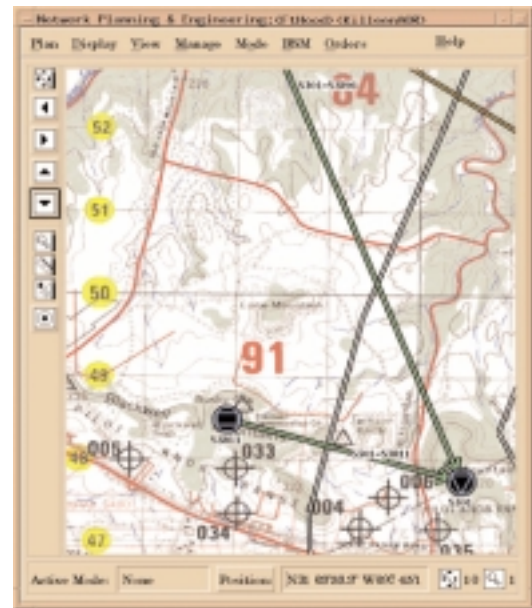732-532-4740

ISYSCON Client Workstation

to and part of the evolution to the Digitized Division and the Warfighter Information Network (WIN) Architecture. ISYSCON is also being extended to manage the Tactical Internet at brigade and battalion levels. As such, ISYSCON will provide centralized control of the data networks that interconnect all C2 systems and all weapon systems on the battlefield.

FOREIGN COUNTERPART

No known foreign counterpart.

FOREIGN MILITARY SALES

None.

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